GIS REGISTRY INFORMATION

SITE NAME: Heartland Coop Marten Spill

BRRTS #: 02-10-000450 **FID # (**if appropriate**):**

COMMERCE # (if appropriate**):** 54425-0257-57

CLOSURE DATE: Conditional: 10/17/2001. Final: 9/25/2006

STREET ADDRESS: Center Ave. (CTH "A") and Linden Street

CITY: Dorchester

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:** **X=** 494033 **Y=** 503319

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [ ] **Yes** [X] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection)**:** **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] **Yes** [X] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection)**:** **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: [X] **Yes** [ ] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter.	NA
Copy of (soil or land use) deed notice *if any required as a condition of closure*	NA
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	NA
County Parcel ID number, *if used for county*, for all affected properties	
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI) (* 8.5x14" if paper copy*)*. The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable) (public, highway or railroad ROW)	X

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TTY Access via relay - 711

September 25, 2006

copy

Mr. Dennis Schultz
Heartland Cooperative
P.O. Box 260
Dorchester, WI 54425-0260

Subject: Final Case Closure, Heartland Cooperative Bulk Facility and Marten Spill
Center Ave & Linden Street, Dorchester, Clark County
WDNR #02-10-000449 and 02-10-000450, PECFA #54425-0257-57

Dear Mr. Schultz:

On September 17, 2001, your site as described above was reviewed for closure by the Department of Natural Resources. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 17, 2001, you were notified that conditional closure was granted to this case.

On April 27, 2005, the Department received correspondence indicating that you have complied with the conditions of closure. Monitoring wells were abandoned, waste removed, and notification provided to the Village of Dorchester regarding contamination in the right of way. In lieu of recording a groundwater use restriction and notice of residual soil contamination, you elected, paid the required fees, and submitted the appropriate documentation for recording this site on the Department's GIS Registry of Closed Remediation Sites. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

FUTURE EXCAVATION OF RESIDUAL CONTAMINATED SOIL

Residual soil contamination remains in the vicinity of the former above ground petroleum storage tanks as indicated in the information submitted to the Department of Natural Resources. If soil in these specific locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. All current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation. **Special precautions may need to be taken during excavation activities to prevent a direct contact health threat to humans**. Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-839-3824.

Sincerely,

Eileen Kramer, P.H.
Hydrogeologist
Remediation & Redevelopment Program

Copy: Gary Swiatko, Ayres Associates, P.O. Box 1590, Eau Claire, WI 54702

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TTY 715-839-2786

October 17, 2001

Mr. Dennis Schultz
Heartland Cooperative
P.O. Box 260
Dorchester, WI 54425-0260

Subject: Conditional Case Closure
Heartland Cooperative Bulk Facility and Marten Spill, Center Ave & Linden Street, Dorchester, Clark Co., Wisconsin
WDNR BRRTS #02-10-000449 and 02-10-000450
PECFA #54425-0257-57

Dear Mr. Schultz:

On September 17, 2001, your request for closure of the case described above was reviewed by the West Central Region Remediation & Redevelopment Case Closure Committee. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former above ground storage tank facility appears to have been investigated and remediated to the extent practicable under site conditions. Your case will be closed under s. NR 726.05, Wis. Adm. Code, if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code, unless long term groundwater monitoring is going to be conducted. If monitoring wells will not be immediately abandoned because you do not file a groundwater use restriction and future groundwater monitoring is planned, you will need to notify me of your monitoring plans in order to qualify for case closure. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw/ or provided by the Department of Natural Resources.

WASTE AND SOIL PILE REMOVAL

Any remaining waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Please send a letter advising me that any remaining waste and/or soil piles have been removed once that work is completed.

GROUNDWATER USE RESTRICTION

Section NR 726.05(2)(b), Wis. Adm. Code, provides that if groundwater contamination still exceeds NR 140 enforcement standards when a closure request is submitted, a case may only

be closed if a groundwater use restriction is recorded for each property where enforcement standards are exceeded. Therefore, recording the required groundwater use restriction is an option that the Department of Natural Resources can offer to you in order to close this case. If you choose not to accept this option, you may be required to conduct additional groundwater monitoring using existing or additional monitoring wells and may choose to perform additional investigation and cleanup of the remaining contamination in order to qualify for unconditional closure. However, you should note that additional investigation or cleanup work may not be eligible for reimbursement from the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine if the additional work will be eligible for reimbursement.

If you choose to pursue closure with a groundwater use restriction, you will need to submit a draft groundwater use restriction to me before the document is signed and recorded. You may find attached a model groundwater use restriction for your use or visit our web site at www.dnr.state.wi.us/org/rr for a copy of the model format and language. To assist us in the review of your draft groundwater use restriction document, you should submit a copy of the property deed or deeds to me along with the draft document. Once Department of Natural Resources has checked your draft document for completeness, you should sign it if you own the property, or have the appropriate property owner sign it, and have it recorded at the Clark County Register of Deeds Office. Then, you must submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a groundwater use restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

NOTICE OF RESIDUAL SOIL CONTAMINATION

The closure committee has required that a deed notice be signed and recorded to give notice of the remaining soil contamination associated with the site. Residual soil contamination remains at the vicinity of the former above ground storage tank facility as indicated in the information submitted to the Department of Natural Resources. Cross sections A-A^1 and B-B^1 as submitted with your closeout request illustrate that area. If soil in this location (or these locations) is excavated in the future, the property owner at that time may be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to humans. The purpose of the notice is to notify all future owners that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation.

You will need to submit a draft deed notice to me before the document is signed and recorded. You may find a model deed notice enclosed for your use or visit our web site at www.dnr.state.wi.us/org/rr. The required notice may be inserted into a groundwater use restriction document, if both a groundwater use restriction and a deed notice are required for the same property. To assist us in our review of the deed notice, you should submit a copy of the property deed to me along with the draft document. After Department of Natural Resources has reviewed the document for completeness, you should sign it if you own the property, or have the appropriate property owner sign it, and have it recorded at the Clark County Register of Deeds Office. Then, you must submit a copy of the recorded document, with the recording information stamped on it, to me. Please be aware that if a deed notice is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

RIGHT-OF-WAY SOIL AND/OR GROUNDWATER CONTAMINATION

There is residual soil and/or groundwater contamination under Linden Street. You should provide written notification of the presence of residual soil and groundwater contamination to the clerk of the town and county or municipality where the right-of-way is located and to the municipal department or state agency that maintains the right-of-way. Please provide me with copies of the written notifications.

CONCLUSION

When the above conditions have been satisfied, please ascertain that appropriate documentation has been submitted to me at the Department, so that your case may be closed.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

State Statute 101.143 requires that PECFA claimants seeking reimbursement of interest costs, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. "

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 715-839-3824.

Sincerely,

Eileen Kramer
Hydrogeologist
Remediation & Redevelopment Program

Enclosure

cc: Jan Smit – Ayres Associates
Lori Huntoon – Dept of Commerce

NUMBER	Received For Record This 11	INDEXED TO:	RETURNED TO:
295198	Day of July 1958 At 10 A M	pt. NE-NW-13-29-1E	Nikolay Law Office Abbotsford, Wis
Vol 197 Deeds	Henry E Rahn		chgr 1.50
Page 309	Register of Deeds, Clark Co., Wis.		
	By _____ Deputy		

No. 8-1. Warranty Deed—Common Form Sec. 235.16, Wis. Statutes. (STATE OF WISCONSIN) Form No. 1 Published by Eau Claire Book & Stationery Co.

This Indenture *Made this* 9th *day of* June, *, A. D., 19* 58, *between* Rudolph Ortlieb and Theresa Ortlieb, his wife,

parties of the first part, and

DORCHESTER COOPERATIVE PRODUCE ASSOCIATION, Dorchester, Wisc.

party of the second part.

Witnesseth: *That the said parties of the first part, for and in consideration of the sum of*

One dollar and other good and valuable consideration

to them in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, have given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its heirs and assigns forever, the following described real estate, situated in the County of Clark *and State of Wisconsin, to-wit:* Commencing at the Northwest corner of a parcel of land heretofore conveyed to William Copeland and Jessie Copeland, his wife, which deed is recorded in Vol. 172 of Deeds, page 553, document number 255736, on the 12th day of March, 1947, thence running East along the North line of said parcel a distance of 12 rods, thence North to the center line of County trunk A as the same is now laid out, thence West a distance of 12 rods, thence South to the point of beginning.

This is a correction deed correcting the name of the grantee and the description of the parcel conveyed by warranty deed dated April 10, 1958, recorded April 29, 1958, in Vol. 196 of Deeds, page 617, document number 294521, in the office of the Register of Deeds for Clark County, Wisconsin; wherein the name of the grantee was incorrectly stated to be "Dorchester Cooperative Marketing Association, Dorchester, Wisconsin," said grantee therein and herein being one and the same organization.

Together *with all and singular the hereditaments and appurtenances thereunto belonging or in anywise appertaining; and all the estate, right, title, interest, claim, or demand whatsoever, of the said parties of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises and their hereditaments and appurtenances.*

To Have and to Hold, *the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its heirs and assigns FOREVER.*

And the Said Rudolph Ortlieb and Theresa Ortlieb, his wife,

for their heirs, executors and administrators, do covenant, grant, bargain and agree to and with the said party of the second part, its heirs and assigns, that at the time of the ensealing and delivery of these presents they are well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

and that the above bargained premises in the quiet and peaceable possession of the said party of the

310

10-10-00449

VOL 197 OF Deeds PAGE 310

second part, its heirs and assigns, against all and every person or persons, lawfully claiming the whole or any part thereof, they will forever WARRANT and DEFEND.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals this 9th day of June, A. D., 19 58.

Signed and Sealed in Presence of

John J. Nikolay

Frank L. Nikolay

Rudolph Ortlieb (Seal)

Theresa Ortlieb (Seal)

(Seal)

State of Wisconsin, Clark County. } ss.

Personally came before me, this 9th day of June, A. D., 19 58, the above named Rudolph Ortlieb and Theresa Ortlieb, his wife,

to me known to be the persons who executed the foregoing instrument and acknowledged the same.

John J. Nikolay

Notary Public, Clark County, Wisconsin.

My commission expires May 1, A. D., 19 60.

Drafted by Attorney John J. Nikolay

(N.B.—Ch. 59 Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors grantees, witnesses and notary.)

295198

No.

To

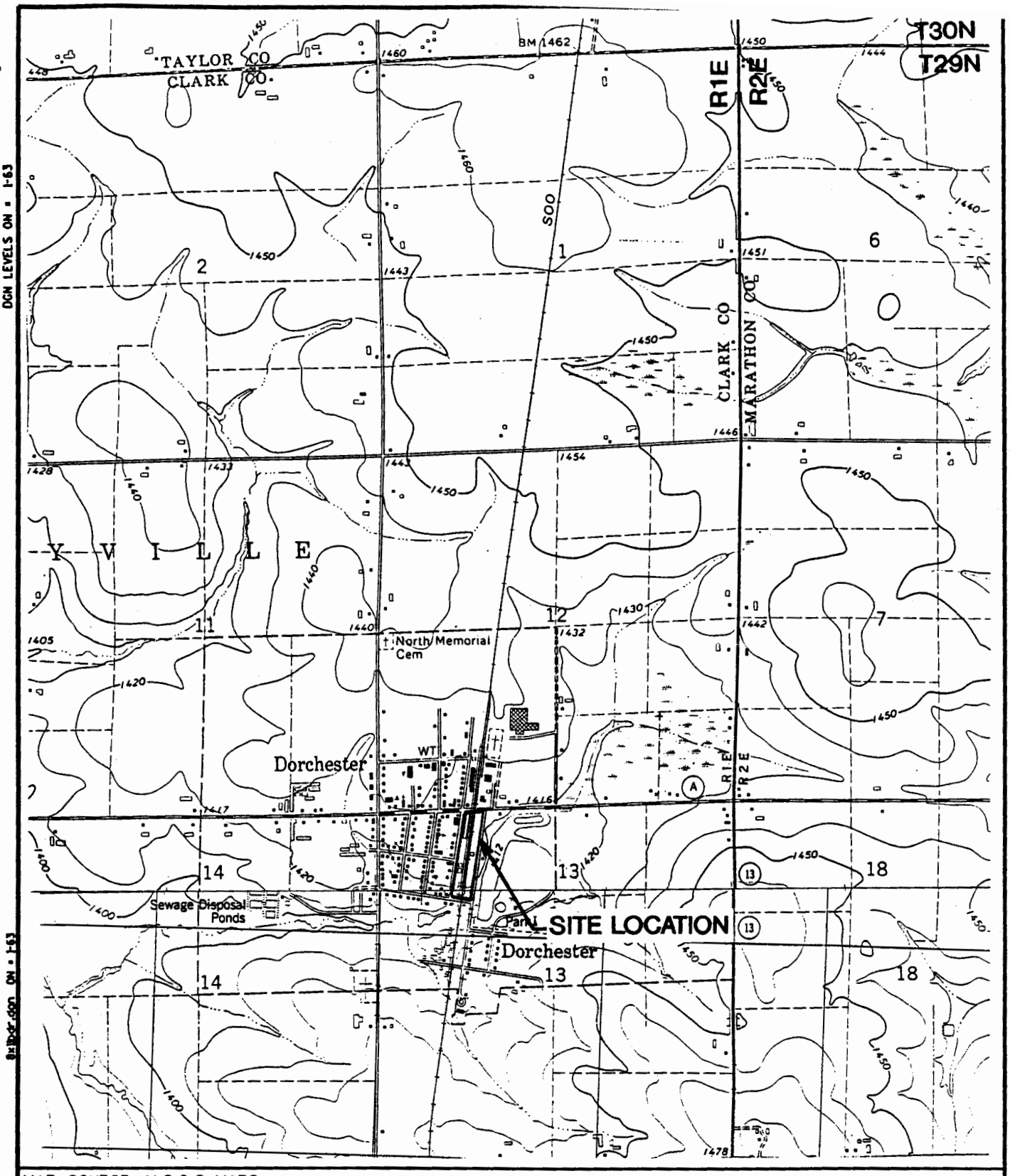
WARRANTY DEED

REGISTER'S OFFICE, State of Wisconsin, Clark County. } Received for Record this 11 day of July, A. D., 19 58 at 10 o'clock A. M., and recorded in Vol. 197 of Deeds on page 309

Henry E. Rahn, Register of Deeds.

Deputy.

PEN TABLE = mike.tbl
DATE OF PLOT = 02/22/95
DESIGN FILE IS k:\waste\00248\m.dgn
DGN LEVELS ON = 1-63



MAP SOURCE: U.S.G.S. MAPS
STETSONVILLE(1969)
ABBOTSFORD(1981)

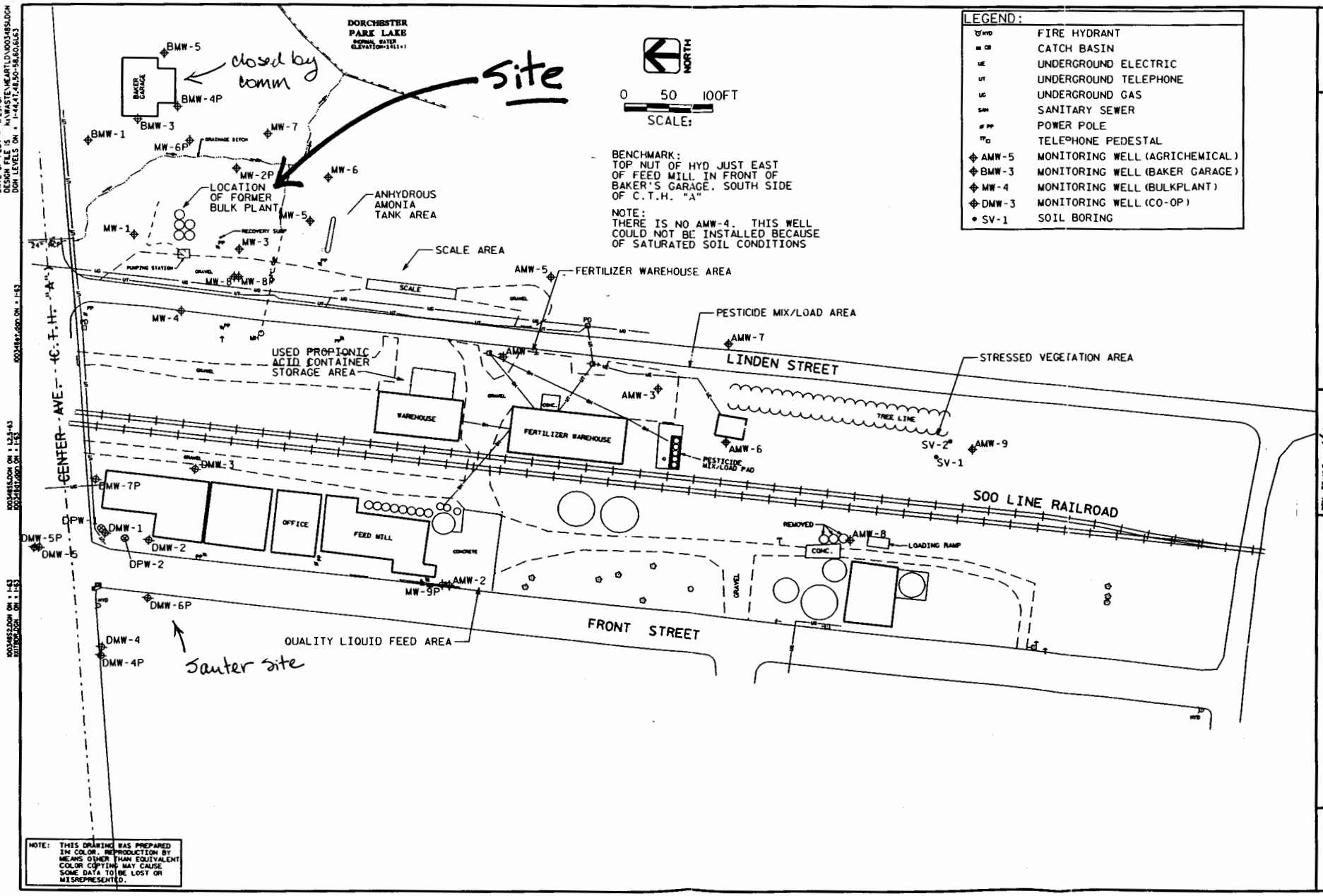
SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

NORTH

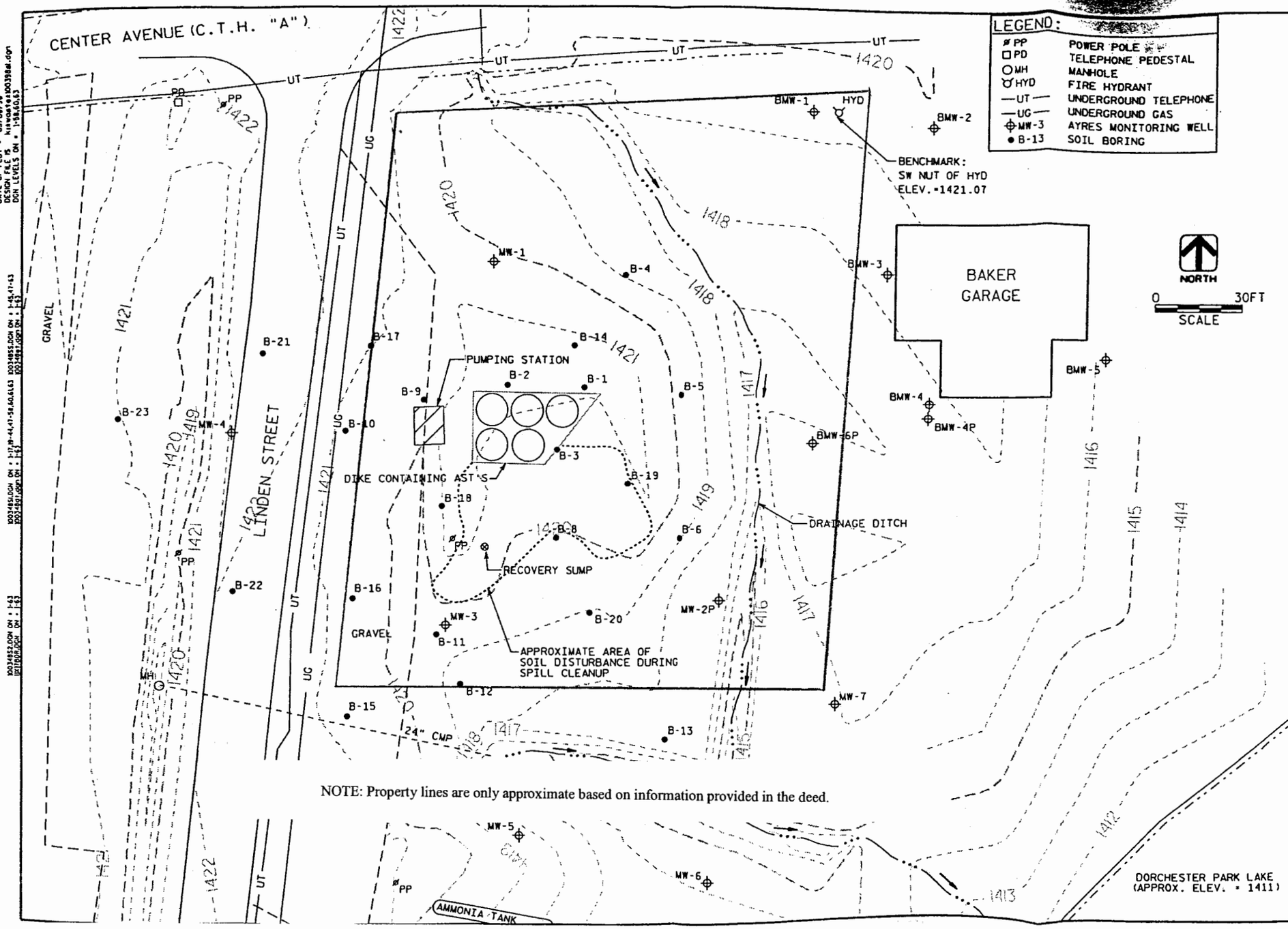
REMEDIAL INVESTIGATION DORCHESTER COOPERATIVE DORCHESTER, WISCONSIN	DRN. BY: MLE CHK. BY: TJ DATE: FEB. 1995 AYRES ASSOCIATES	LOCATION MAP	FIGURE 1



LOCATION MAP

HEARTLAND COOPERATIVE
DORCHESTER, WISCONSIN

FIGURE
2



NOTE: Property lines are only approximate based on information provided in the deed.

SITE PLAN

DWN. BY: MLE
CHK. BY: TRJ
DATE: MARCH 1996

AYRES ASSOCIATES

REMEDIAL INVESTIGATION
DORCHESTER COOPERATIVE
BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

FIGURE
2

TABLE 2
GROUND WATER ANALYTICAL RESULTS
HEARTLAND COOPERATIVE BULK PLANT
DORCHESTER, WISCONSIN

Well Location	Sample Date	GRO (µg/L)	DRO (µg/L)	Benzene (µg/L)	Ethyl-Benzene (µg/L)	MTBE (µg/L)	Toluene* (µg/L)	1,2 DCA (µg/L)	Naph-thalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Total Xylenes (µg/L)	Chloro-Ethane (µg/L)
MW-1	06/15/95	<50	47	<0.2	<0.2	--	<0.2	<0.2	<0.2	--	--	<0.5	<0.3
	01/30/96	<50	43	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	Duplicate	<50	47	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	04/22/97	<30	38**	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	<29**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<30**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	170	<0.27	<0.32	<0.32	0.55**	<0.37	<0.35	<0.22	<0.27	<0.67	--
MW-2P	06/15/95	450	220	140	9.6	--	1.7	24	0.5	--	--	8.6	2.4
	01/30/96	<50	<32	12	0.3	--	<0.2	8.7	<0.3	--	--	<0.6	<1.0
	4/22/97**	380**	330**	200	13	--	<2.0	--	--	--	--	<5.0	--
	11/18/98	39**	750	9.7	<0.2	***27***	<0.2	***2.3***	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	***2.2***	0.20**	***17***	<0.2	***0.5***	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	190	2200	93	7	***27***	0.71	***4.9***	<0.35	0.67	<0.27	1.26	--
	08/18/99	110	1500	26	4.5	***25***	0.86	***3.2***	<0.35	<0.22	<0.27	<0.67	--
duplicate	08/18/99	79	1400	24	4.3	***24***	0.75**	***3.5***	<0.35	<0.22	<0.27	<0.67	--
MW-3	06/15/95	470	1700	6.5	18	--	0.7	<0.2	***38***	--	--	69	<0.3
	Duplicate	<50	<31	6.6	19	--	0.7	<0.2	43	--	--	73	<0.3
	01/30/96	325	1900	8.7	7.4	--	0.6	<0.2	3.6	--	--	20.1	<1.0
	04/22/97	260**	1900**	***4.0***	7.4	--	<0.20	--	--	--	--	0.7	--
	Duplicate	260**	1800**	***4.0***	7.3	--	<0.20	--	--	--	--	0.6	--
	ABANDONED OCTOBER 1998 DURING SOIL EXCAVATION												
MW-4	06/15/95	<50	<31	<0.2	<0.2	--	<0.2	<0.2	<0.2	--	--	<0.5	<0.3
	01/30/96	<50	<30	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	04/22/97	<30	350**	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	<30**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	0.40**	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	140	<0.27	<0.32	<0.32	0.69**	<0.37	<0.35	<0.22	<0.27	<0.67	--
MW-5	12/27/95	<50	32	<0.2	<0.2	--	<0.2	<0.2	<0.3	--	--	<0.6	<1.0
	01/30/96	<50	<30	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	04/22/97	<30	<27	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	<29**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	170	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
MW-6	12/27/95	<50	60	<0.2	<0.2	--	<0.2	<0.2	<0.3	--	--	<0.6	<1.0
	Duplicate	<50	<30	<0.2	<0.2	--	<0.2	<0.2	<0.3	--	--	<0.6	<1.0
	01/30/96	<50	<29	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	04/22/97	<30	<27**	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	140	<0.27	<0.32	<0.32	0.34**	<0.37	<0.35	<0.22	<0.27	<0.67	--
MW-7	12/27/95	77**	60	19	<0.2	--	<0.2	11	<0.3	--	--	<0.6	<1.0
	01/30/96	105**	51	16	<0.2	--	<0.2	12	<0.3	--	--	<0.6	<1.0
	04/22/97	30**	<27	***0.6***	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	95	0.30**	<0.2	<0.2	<0.2	***3***	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	***1.0****	<0.2	<0.2	<0.2	***2.4***	<1.1	<0.6	<0.3	0.4**	--
	05/25/99	<50	<100	0.29**	<0.32	<0.32	<0.27	***1.7***	<0.35	<0.22	<0.27	<0.67	--
	Duplicate	<50	<100	0.27**	<0.32	<0.32	<0.27	***1.7***	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	<100	0.39**	<0.32	<0.32	0.38**	***2.6***	<0.35	<0.22	<0.27	<0.67	--
Enforcement Standard		NS	NS	5	700	60	1000	5	40	480		10000	400
Preventive Action Limit		NS	NS	0.5	140	12	200	0.5	8	96		1000	80

0.00 = Exceeds the Preventive Action Limit
0.00 = Exceeds the Enforcement Standard
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
N/A = Not Applicable
* = Trip blank from June 15, 1995, sampling round contained 0.3 ug/L toluene
** = See footnote on laboratory analytical reports
-- = Not Analyzed

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TABLE 2 (Cont.)
GROUND WATER ANALYTICAL RESULTS
HEARTLAND COOPERATIVE BULK PLANT
DORCHESTER, WISCONSIN

Well Location	Sample Date	GRO (µg/L)	DRO (µg/L)	Benzene (µg/L)	Ethyl-Benzene (µg/L)	MTBE (µg/L)	Toluene* (µg/L)	1,2 DCA (µg/L)	Naph-thalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Total Xylenes (µg/L)	Chloro-Ethane (µg/L)
MW-8	4/22/97**	2700**	7200**	1200	110	--	140	<10	70**	--	--	410	<20
	5/13/97**	2500**	--	640	100	--	14	--	72	--	--	240	--
	Duplicate	2800**	--	680	110	--	4	--	88	--	--	250	--
	11/18/98	2700**	7000**	1200**	***170***	<4.0	<4.0	<4.0	<22	56	34	86	--
	Duplicate	2600**	7300**	1200**	***160***	<4.0	<4.0	<4.0	<22	52	32	78	--
	02/04/99	2800**	5300**	1700**	120	<10	20**	<10	<55	<30	25**	140**	--
	05/25/99	9800	4000	3700	***610***	***23***	100	<7.4	160	***170***	***80***	700	--
	08/18/99	2600	10000	1700	***230***	<3.2	29	<3.7	43	49	16	156	--
MW-8P	04/22/97	<30	<28	<0.2	<0.2	--	<0.2	<0.2	<0.80	--	--	<0.6	<0.40
	05/13/97	<30	--	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	74**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	<100	<0.27	<0.32	<0.32	0.7**	<0.37	<0.35	<0.22	<0.27	<0.67	--
MW-9P	04/22/97	<30	38	<0.2	<0.2	--	<0.2	<0.2	<0.80	--	--	<0.6	<0.40
	05/13/97	<30	--	<0.2	<0.2	--	<0.2	--	--	--	--	<0.5	--
	11/18/98	<30	<29**	<0.3	<0.2	<0.2	<0.2	0.30**	<1.1	<0.6	<0.3	<0.8	--
	02/04/99	<30	<28**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	Duplicate	<30	<30**	<0.3	<0.2	<0.2	<0.2	<0.2	<1.1	<0.6	<0.3	<0.8	--
	05/25/99	<50	<100	<0.27	<0.32	<0.32	<0.27	<0.37	<0.35	<0.22	<0.27	<0.67	--
	08/18/99	<50	<100	<0.27	<0.32	<0.32	1.0	<0.37	<0.35	<0.22	<0.27	<0.67	--
Enforcement Standard		NS	NS	5	700	60	1000	5	40	480		10000	400
Preventive Action Limit		NS	NS	0.5	140	12	200	0.5	8	96		1000	80

0.00 = Exceeds the Preventive Action Limit
0.00 = Exceeds the Enforcement Standard
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
N/A = Not Applicable
* = Trip blank from June 15, 1995, sampling round contained 0.3 ug/L toluene
** = See footnote on laboratory analytical reports
-- = Not Analyzed

TABLE 2
MONITORING WELL CONSTRUCTION DATA AND GROUND WATER ELEVATIONS
HEARTLAND COOPERATIVE SITES
DORCHESTER, WISCONSIN

Project Name	Well No.	Ground Surface	Top Of Casing [A]	Top Of Screen	Screen Bottom	Ground Water Elevations													
						12/27/95	1/30/96	6/4/96	4/22/97	6/30/97	11/18/98	2/3/99	5/26/99	11/12/99	2/16/00	5/24/00	8/22/00	11/15/00	2/22/01*
Former Bulk Storage Facility[C]	MW-1	1419.73	1422.21	1418.16	1408.16	1414.49	1414.37		1418.67		1417.35	1413.49	1418.52				1417.19		
	MW-2P	1418.35	1419.98	1412.53	1402.53	1411.01 [B]	1414.30		1416.06		1415.23	1413.42	1416.37						
	MW-3	1419.33	1421.19	1415.79	1405.79	1414.04	1414.47		1417.40		ABANDONED								
	MW-4	1422.08	1421.69	1418.85	1408.85		1414.66		1417.95	1417.66	1416.84	1413.50	1417.99						
	MW-5	1419.12	1420.31	1414.12	1404.12	1413.95	1414.41		1416.94	1416.43	1415.71	1413.24	1416.90		1412.15				
	MW-6	1416.65	1418.88	1412.65	1402.65	1413.58	1413.90		1415.30	1414.99	1414.91	1413.28	1415.66						
	MW-7	1417.39	1419.74	1413.39	1403.39	1413.76	1414.09		1415.73		1415.06	1413.33	1415.93				1415.20		
	MW-8	1420.56	1420.13	1417.13	1407.13				1417.98		1415.40	1413.07	1416.71						
	MW-8P	1420.50	1420.14	1385.50	1380.50				1417.81		1415.95	1413.10	1417.69						
	MW-9P	1424.50	1424.51	1385..21	1380.21				1417.76		1417.52	1412.72	1418.72				1417.30		
Ag-Chem Site	AMW-1	1421.03	1420.80	1417.14	1407.14			1416.82		1417.92	1416.44	1413.42	1418.20		1412.01		1416.90		
	AMW-2	1424.56	1424.40	1417.84	1412.84			1418.83		1419.15	1416.86	1413.40	1418.84		Dry		1417.57		
	AMW-3	1420.40	1420.21	1416.61	1406.61			1415.21		1415.61	1414.84	1413.30	1416.23		1412.23		1414.76		
	AMW-5	1420.03	1419.83	1416.13	1409.13					1415.85	1415.69	1413.56	1416.08		1412.30		1415.39		
	AMW-6	1423.54	1423.13	1419.53	1412.53					1417.50	1415.35	1413.47	1418.06		Dry		1415.81		
	AMW-7	1420.00	1419.71	1416.11	1409.11					1416.25	1414.62	1413.49	1416.16		1412.42		1414.34		
	AMW-8	1422.28	1421.86	1417.96	1407.96					1415.24	1410.81	1408.76	1415.73		1408.13		1414.69		
	AMW-9	1418.66	1421.02	1415.27	1408.27					1413.71	1412.22	1411.42	1415.16		1410.57		1412.89		
Sauter's Site	DMW-1	1422.60	1422.16	1409.66	1399.66						1415.10	1411.54	1418.67	1415.02		1415.53	1418.01	1417.83	1415.76
	DMW-2	N.M.	1422.63	1413.25	1403.25							1412.68	1418.85	1415.92		1416.15	1418.09	1417.63	1415.09
	DMW-3	1421.83	1421.42	1419.86	1409.86						1419.62	1413.38	1420.09	1416.10		1421.03	1420.61	1420.58	1414.81
	DMW-4	N.M.	1423.88	1418.21	1408.21							1412.98	1419.73	1416.23		1417.42	1418.50	1418.09	1415.43
	DMW-4P	N.M.	1423.90	1393.72	1388.72							1412.29	1419.69	1416.22		1416.95	1418.35	1418.17	1415.94
	DMW-5	1423.17	1422.67	1417.28	1407.28						1417.38	1413.25	1418.27	1415.77	1411.16	damaged	1416.91	1417.01	1415.27
	DMW-5P	N.M.	1425.74	1393.28	1388.28						1418.45	1412.28	1419.71	1416.24		1416.95	1418.38	1418.09	1415.95
	DMW-6P	N.M.	1423.30	1393.85	1388.85						1418.39	1412.34	1419.68	1416.22		1416.87	1418.34	1418.14	1416.47
	DMW-7P	N.M.	1424.68	1393.43	1388.43						1418.43	1412.28	1419.69	1416.25		1417.01	1418.36	1418.19	1416.52

* Elevation for DMW-3B, 4, 4p, 5, and 5P were measured on 2/22/01. All others were measured on 2/26/01.

[A] Elevations are based on an updated survey performed on 2/3-4/99 and 6/2/00 following repairs to some of the well casings

[B] Probable measuring or recording error

[C] Additional ground water elevations for 6/15/95 and 10/9/95 omitted due to space limitation

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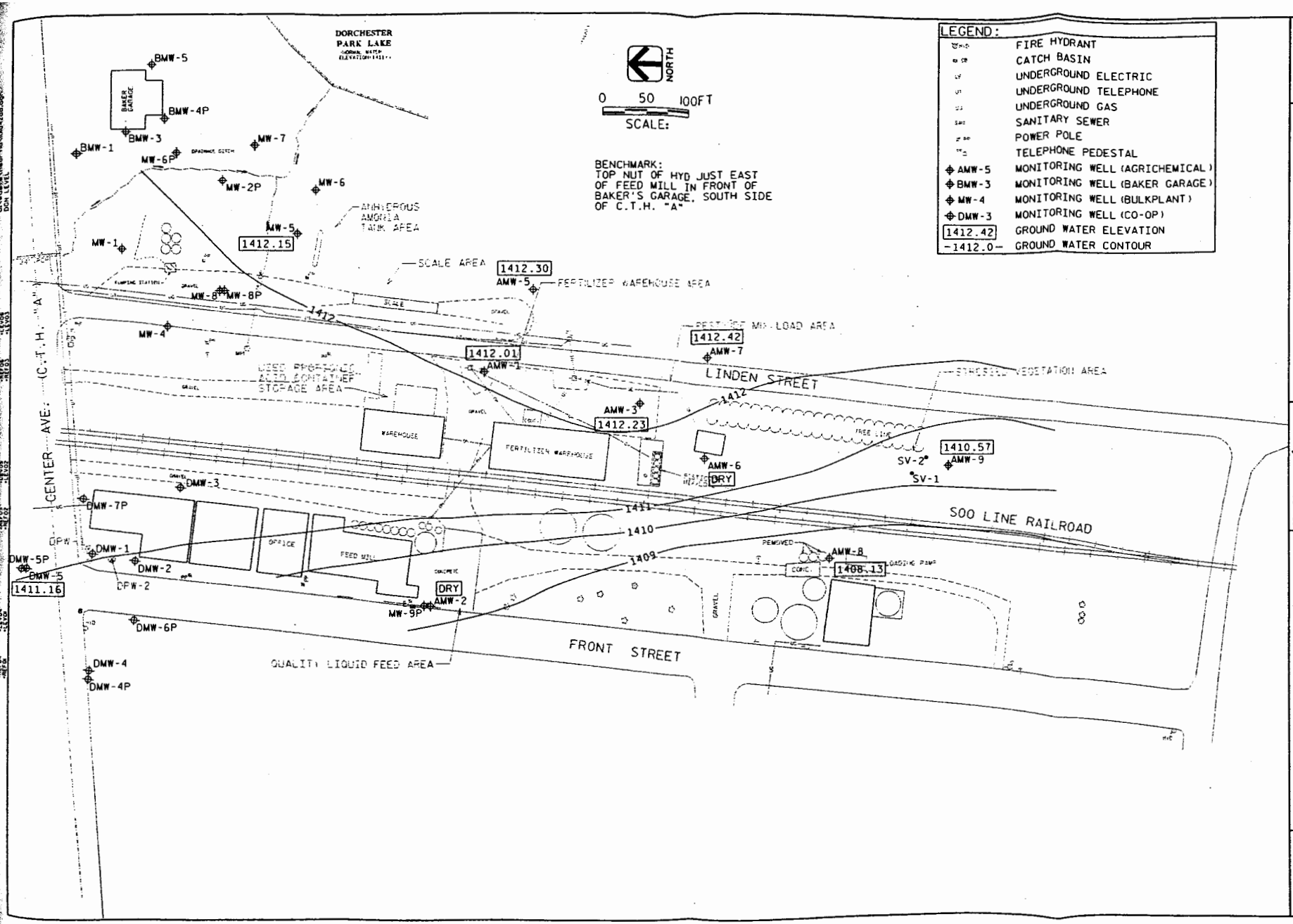


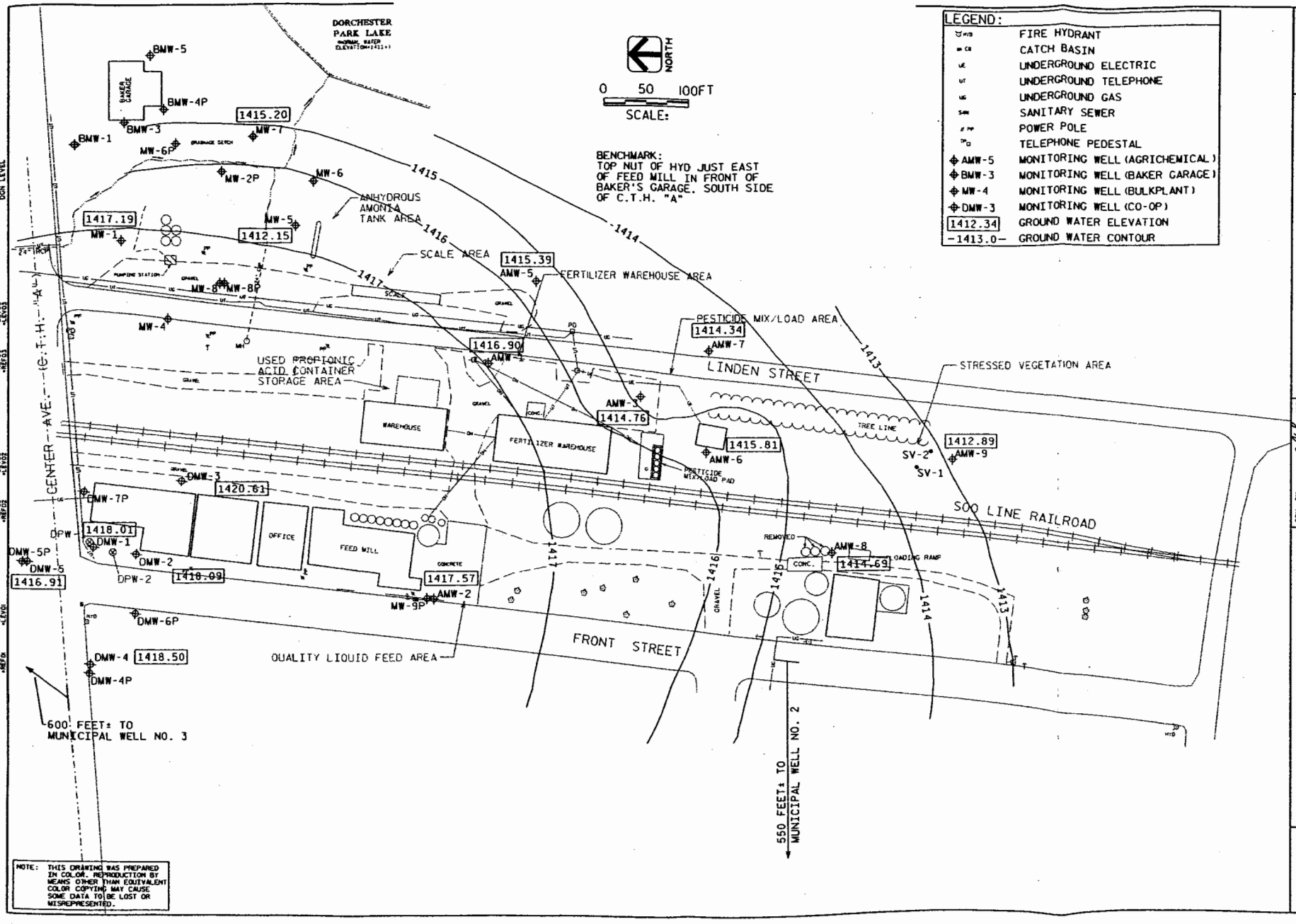
GROUND WATER CONTOURS
FEBRUARY 16, 2000

DWN. BY: MLE
CHK. BY: JCH
DATE: FEBRUARY 2000

AYRES ASSOCIATES

HEARTLAND COOPERATIVE
SAUTER'S SITE
DORCHESTER, WISCONSIN

FIGURE
3



NOTE: THIS DRAWING WAS PREPARED IN COLOR. REPRODUCTION BY MEANS OTHER THAN EQUIVALENT COLOR COPYING MAY CAUSE SOME DATA TO BE LOST OR MISREPRESENTED.

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GROUND WATER CONTOURS
AUGUST 23, 2000

DRN. BY: JCS
CHK. BY: LAR
DATE: JANUARY 2001

AYRES ASSOCIATES

HEARTLAND COOPERATIVE
DORCHESTER, WISCONSIN

FIGURE
3

Pre-remedial

TABLE 2
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
B-1	5/22/95	0.5-2.5	0.4	-	-	-	-	-	-	-
Exc.		3-5	0.1	-	-	-	-	-	-	-
		5.5-7.5	150	-	-	-	-	-	-	-
		8-10	270	14	410	<25	<25	<25	<50	FRESH
		10.5-12.5	9	-	-	-	-	-	-	-
		13-15	1.6	7.4	6.2	<25	<25	<25	<50	FRESH
B-2	5/22/95	0.5-2.5	0.1	-	-	-	-	-	-	-
Exc		3-5	NR	-	-	-	-	-	-	-
		5.5-7.5	150	-	-	-	-	-	-	-
		8-10	31	-	-	-	-	-	-	-
		10.5-12.5	210	1.2	3.1	<25	<25	<25	<50	MOSTLY FRESH
		13-15	11	1.7	<1.4	<25	<25	<25	<50	N/A
B-3	5/22/95	0.5-2.5	80	-	-	-	-	-	-	-
Exc.		3-5	>1000	750	6,000	<500	1,900	2,400	11,300	FRESH
		5.5-7.5	700	-	-	-	-	-	-	-
		8-10	330	-	-	-	-	-	-	-
		10.5-12.5	250	-	-	-	-	-	-	-
		13-15	-	-	-	-	-	-	-	-
		15-17	11	<1.0	5.7	29	71	62	<50	MOSTLY FRESH
B-4	5/23/95	0.5-2.5	0.1	-	-	-	-	-	-	-
*		3-5	15	1.6	3	220	<25	<25	<50	INCONCLUSIVE
		5.5-7.5	1.3	<1.0	<1.4	<25	<25	<25	<50	N/A
B-5	5/23/95	0.5-2.5	NR	-	-	-	-	-	-	-
*		3-5	NR	-	-	-	-	-	-	-
		5.5-7.5	0.6	-	-	-	-	-	-	-
		8-10	0.6	-	-	-	-	-	-	-
		10.5-12.5	53	-	-	-	-	-	-	-
		13-15	150	<1.0	<1.4	<25	<25	<25	<50	N/A
		15.5-17.5	56	-	-	-	-	-	-	-
		18-20	-	-	-	-	-	-	-	-
		20-22	6.9	<1.0	<1.4	<25	<25	<25	<50	N/A
B-6	5/23/95	4-6	4	2.8	<1.5	<25	<25	<25	<50	N/A
*		6.5-8.5	1.2	-	-	-	-	-	-	-
		9-11	0.9	-	-	-	-	-	-	-
		11.5-13.5	0.8	-	-	-	-	-	-	-
		14-16	0.9	-	-	-	-	-	-	-
		16.5-18.5	0.7	1.5	1.5	150	<25	<25	<50	INCONCLUSIVE
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

= Shading indicates exceedences of NR 720 soil cleanup standards

N/A = Not applicable due to non detect of DRO

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Pre-remedial

TABLE 2 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
B-8	5/24/95	0.5-2.5	NR	-	-	-	-	-	-	-
*		3-5	0.6	-	-	-	-	-	-	-
		5.5-7.5	85	32	31	490	36	96	330	WEATHERED
		8-10	6.7	-	-	-	-	-	-	-
		10.5-12.5	27	-	-	-	-	-	-	-
		13-15	59	-	-	-	-	-	-	-
		15.5-17.5	53	-	-	-	-	-	-	-
		18-20	70	3.6	<1.4	<25	<25	<25	<50	N/A
		20.5-22.5	9.1	1.7	<1.4	<25	<25	<25	<50	N/A
B-9	5/25/95	0.5-2.5	0.1	-	-	-	-	-	-	-
Exc.		3-5	25	-	-	-	-	-	-	-
		5.5-7.5	200	-	-	-	-	-	-	-
		8-10	270	87	77	<25	250	72	990	FRESH
		10.5-12.5	2.9	-	-	-	-	-	-	-
		13-15	0.4	3.5	<1.4	47	<25	<25	<50	N/A
B-10	5/24/95	0.5-2.5	2.7	-	-	-	-	-	-	-
Exc.		3-5	>1000	-	-	-	-	-	-	-
		5.5-7.5	>1000	1,900	240	11,000	44,000	140,000	267,000	FRESH
		8-10	320	-	-	-	-	-	-	-
		10.5-12.5	1.4	-	-	-	-	-	-	-
		13-15	20	4.7	<1.3	910	<25	170	<61	N/A
B-11	5/24/95	0.5-2.5	37	-	-	-	-	-	-	-
Exc.		3-5	500	6.9	150	<25	<25	<25	<50	WEATHERED
		5.5-7.5	25	-	-	-	-	-	-	-
		8-10	37	-	-	-	-	-	-	-
		10.5-12.5	400	-	-	-	-	-	-	-
		13-15	100	-	-	-	-	-	-	-
		15.5-17.5	>1000	2.1	<1.5	110	<25	<25	<50	N/A
B-12	5/25/95	0.5-2.5	>1000	800	230	<1250	<1,250	<1,250	<2,500	FRESH
Exc.		3-5	620	-	-	-	-	-	-	-
		5.5-7.5	2.3	-	-	-	-	-	-	-
		8-10	15	-	-	-	-	-	-	-
		10-12	33	-	-	-	-	-	-	-
		12-14	-	-	-	-	-	-	-	-
		14-16	0.3	-	-	-	-	-	-	-
		16-18	0.4	1.1	<1.4	<25	<25	<25	<50	N/A
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

= Shading indicates exceedences of NR 720 soil cleanup standards

N/A = Not applicable due to non detect of DRO

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pre-remedial

TABLE 2 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
B-13	12/7/95	0.5-2.5	0.1	-	-	-	-	-	-	-
		3-5	0.3	-	-	-	-	-	-	-
		5.5-7.5	190	<1.0	<1.5	510	50	<25	<50	N/A
		8-10	150	-	-	-	-	-	-	-
		10.5-12.5	170	-	-	-	-	-	-	-
		13-15	2.6	<1.0	<1.5	<25	<25	<25	<50	N/A
		15.5-17.5	1.2	-	-	-	-	-	-	-
		18-20	3.8/1.2	<1.0	2.7	<25	<25	<25	<50	INCONCLUSIVE
B-14	12/7/95	0.5-2.5	NR	-	-	-	-	-	-	-
		3-5*	18	520**	1800***	<500	<500	<500	<1000	FRESH
		5.5-7.5	12	-	-	-	-	-	-	-
		8-10	2.1	-	-	-	-	-	-	-
		10.5-12.5	2	<1.0	3.8	<25	<25	<25	<50	INCONCLUSIVE
		13-15	0.6	-	-	-	-	-	-	-
		15.5-17.5	0.4	-	-	-	-	-	-	-
		18-20	NR	<1.0	1.5	<25	<25	<25	<50	INCONCLUSIVE
B-15	12/8/95	0.5-2.5	200/50	-	-	-	-	-	-	-
		3-5	700/230	<1.0	<1.5	<25	<25	<25	<50	N/A
		5.5-7.5	60/24	-	-	-	-	-	-	-
		8-10	1.5	<1.0	2.2	<25	<25	<25	<50	INCONCLUSIVE
		10.5-12.5	0.6	-	-	-	-	-	-	-
		13-15	0.9	-	-	-	-	-	-	-
		15.5-17.5	0.3	<1.0	<1.5	<25	<25	<25	<50	N/A
B-16	12/8/95	0.5-2.5	110/86	-	-	-	-	-	-	-
		3-5	120	-	-	-	-	-	-	-
		5.5-7.5	150	-	-	-	-	-	-	-
		8-10	74	-	-	-	-	-	-	-
		10.5-12.5	200	-	-	-	-	-	-	-
		13-15	200	2.0*	<1.5	680	92	<25	59	N/A
		15.5-17.5	38	-	-	-	-	-	-	-
		18-20	4.4	-	-	-	-	-	-	-
		20.5-22.5	0.6	<1.0	<1.5	<25	<25	<25	<50	N/A
B-17	12/8/95	0.5-2.5	0.2	-	-	-	-	-	-	-
		3-5	0.2	-	-	-	-	-	-	-
		5.5-7.5	110/59	<1.0	4.0	<25	<25	<25	<50	INCONCLUSIVE
		8-10	6.1	-	-	-	-	-	-	-
		10.5-12.5	0.3	-	-	-	-	-	-	-
		13-15	-	-	-	-	-	-	-	-
		15.5-17.5	0.1	<1.0	<1.5	<25	<25	<25	<50	N/A
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

= Shading indicates exceedences of NR 720 soil cleanup standards

** = Sample contained fractions heavier than GRO hydrocarbons

*** = Sample contained fractions lighter than DRO hydrocarbons

N/A = Not applicable due to non detect of DRO

* = Elevated reporting limit, sample contained high levels of target and/or non-target compounds

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Pre-remedial

TABLE 2 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
B-18	12/8/95	0.5-2.5	NR	-	-	-	-	-	-	-
		3-5	-	-	-	-	-	-	-	-
		5.5-7.5*	1000+	3350#	3100***	53,000	126,000	481,000	867,000	FRESH
		8-10	990	-	-	-	-	-	-	-
		10.5-12.5	120	-	-	-	-	-	-	-
Exc.		13-15	-	-	-	-	-	-	-	-
		15.5-17.5	40	-	-	-	-	-	-	-
		18-20	12	-	-	-	-	-	-	-
		20.5-22.5	9	1.5#	<1.5	<25	<25	<25	<50	N/A
B-19	12/8/95	0.5-2.5	NR	-	-	-	-	-	-	-
		3-5	67	-	-	-	-	-	-	-
		5.5-7.5*	1000+	295**	1700***	<250	520	<250	3,190	FRESH
		8-10	34	-	-	-	-	-	-	-
		10.5-12.5	10	-	-	-	-	-	-	-
		13-15	27	-	-	-	-	-	-	-
		15.5-17.5	41	1.5	<1.5	39	86	<25	<50	N/A
		18-20	12	-	-	-	-	-	-	-
		20.5-22.5	7.2	1.2	<1.5	410	200	<25	<50	N/A
B-20	12/8/95	0.5-2.5	0.1	-	-	-	-	-	-	-
		3-5	0.3	-	-	-	-	-	-	-
		5.5-7.5	0.2	-	-	-	-	-	-	-
		8-10	0.6	-	-	-	-	-	-	-
*		10.5-12.5	200	<1.0	1.6	130	31	<25	54	INCONCLUSIVE
		13-15	80	-	-	-	-	-	-	-
		15.5-17.5	1.9	<1.0	<1.5	<25	<25	<25	<50	N/A
B-21	12/15/95	0.5-2.5	3.5	-	-	-	-	-	-	-
		3-5	56	-	-	-	-	-	-	-
		5.5-7.5	220/31	<1.0	<1.6	<25	<25	<25	<50	N/A
		8-10	5.7	-	-	-	-	-	-	-
*		10.5-12.5	1.6	-	-	-	-	-	-	-
		13-15	0.6	-	-	-	-	-	-	-
		15.5-17.5	0.3	<1.0	2.0	<25	<25	<25	<50	INCONCLUSIVE
B-22	12/15/95	0.5-2.5	1.2	-	-	-	-	-	-	-
		3-5	77/20	-	-	-	-	-	-	-
		5.5-7.5	1000+/1000+	<1.0	-	<25	<25	<25	<50	-
		8-10	38/19	-	-	-	-	-	-	-
*		10.5-12.5	1.8	-	-	-	-	-	-	-
		13-15	0.2	-	-	-	-	-	-	-
		15.5-17.5	0.3	<1.0	<1.5	<25	<25	<25	<50	N/A
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

= Shading indicates exceedences of NR 720 soil cleanup standards

*** = Sample contained fractions lighter than DRO hydrocarbons

** = Sample contained fractions heavier than GRO hydrocarbons

N/A = Not applicable due to non detect of DRO

* = Elevated reporting limit, sample contained high levels of target and/or non-target compounds

= Sample contained fractions lighter and heavier than GRO hydrocarbons

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Pre-remedial

TABLE 2 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
B-23	12/15/95	2.4-4.5	8.9	<1.0	<1.6	<25	<25	<25	<50	N/A
		5-7	8.2	-	-	-	-	-	-	-
		7.5-9.5	3.8	-	-	-	-	-	-	-
*		10-12	2	-	-	-	-	-	-	-
		12.5-14.5	1	-	-	-	-	-	-	-
		15-17	0.6	<1.0	<1.5	<25	<25	<25	<50	N/A
MW-1	5/23/95	0.5-2.5	1.9	1.3	45	120	<25	<25	<50	WEATHERED
		3-5	0.3	-	-	-	-	-	-	-
		5.5-7.5	0.1	-	-	-	-	-	-	-
		8-10	0.3	-	-	-	-	-	-	-
		10.5-12.5	1.1	<1.0	1.5	120	<25	<25	<50	INCONCLUSIVE
B-7/MW-2P	5/24/95	3-5	0.1	-	-	-	-	-	-	-
		5.5-7.5	0.1	-	-	-	-	-	-	-
		8-10	14	-	-	-	-	-	-	-
		10.5-12.5	45	2	<1.4	150	<25	<25	<50	N/A
		13-15	7.2	-	-	-	-	-	-	-
		15.5-17.5	6.8	1.1	<1.4	<25	<25	<25	<50	N/A
MW-3	5/25/95	18-20	10	-	-	-	-	-	-	-
Exc.		20-22	23	-	-	-	-	-	-	-
		23-25	19	2.2	<1.4	<25	<25	<25	<50	N/A
MW-4	5/25/95	0.5-2.5	30	-	-	-	-	-	-	-
		3-5	130	7.6	500	<25	<25	<25	<50	WEATHERED
		5.5-7.5	120	-	-	-	-	-	-	-
		8-10	1.2	-	-	-	-	-	-	-
		10.5-12.5	1.3	-	-	-	-	-	-	-
		13-15	7.1	-	-	-	-	-	-	-
		15.5-17.5	3.6	-	-	-	-	-	-	-
		18-20	1.7	2.5	<1.4	<25	<25	<25	<50	N/A
MW-5	12/7/95	0.5-2.5	270/100	-	-	-	-	-	-	-
		3-5	1000+/580	<1.0	2.1	<25	<25	<25	<50	INCONCLUSIVE
		5.5-7.5	23/12	-	-	-	-	-	-	-
		8-10	-	-	-	-	-	-	-	-
		10.5-12.5	1.7/0.8	-	-	-	-	-	-	-
		13-15	1.4	-	-	-	-	-	-	-
		15.5-17.5	2	-	-	-	-	-	-	-
		18-20	1.4	-	-	-	-	-	-	-
		20.5-22.5	1.1	<1.0	1.8	<25	<25	<25	<50	INCONCLUSIVE
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

N/A = Not applicable due to non detect of DRO

= Shading indicates exceedences of NR 720 soil cleanup standards

g:\trj\950919z1

Pre-remedial

TABLE 2 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER COOPERATIVE BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

LOCATION	DATE	DEPTH (feet)	FIELD SCREENING RESPONSE	GRO (mg/kg)	DRO (mg/kg)	BENZENE (ug/kg)	ETHYL BENZENE (ug/kg)	TOLUENE (ug/kg)	TOTAL XYLENES (ug/kg)	LABORATORY DRO INTERPRETATION
MW-6	12/6/95	0.5-2.5	52/26	<1.0	<1.6	<25	<25	<25	<50	N/A
		3-5	0.9	-	-	-	-	-	-	-
		5.5-7.5	4.8/2	-	-	-	-	-	-	-
		8-10	0.8	-	-	-	-	-	-	-
		10.5-12.5	1.5	<1.0	7.2	<25	<25	<25	<50	INCONCLUSIVE
		13-15	-	-	-	-	-	-	-	-
		15.5-17.5	1.4	-	-	-	-	-	-	-
		18-20	5.8	<1.0	2.5	<25	<25	<25	<50	INCONCLUSIVE
MW-7	12/7/95	0.5-2.5	0.4	-	-	-	-	-	-	-
		3-5	-	-	-	-	-	-	-	-
		5.5-7.5	1.4	-	-	-	-	-	-	-
		8-10	13	<1.0	1.7	<25	<25	<25	<50	INCONCLUSIVE
		10.5-12.5	11	-	-	-	-	-	-	-
		13-15	12	-	-	-	-	-	-	-
		15.5-17.5	1.1	<1.0	<1.5	<25	<25	<25	<50	N/A
NR 720 SOIL STANDARD			-	100	100	5.5	2,900	1,500	4,100	-

- Indicates sample was not analyzed

N/A = Not applicable due to non detect of DRO

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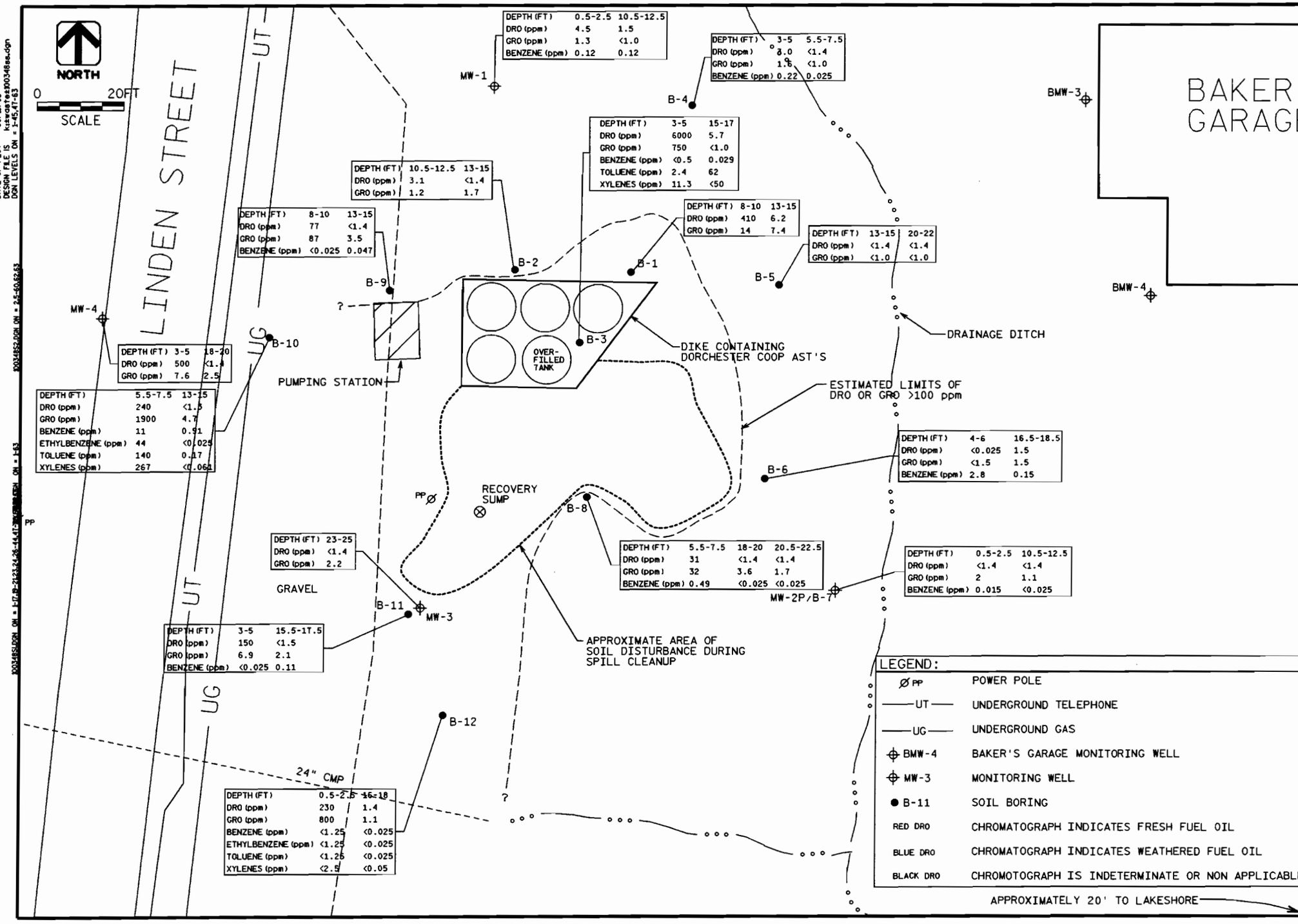

DEPTH (FT)	0.5-2.5	10.5-12.5
DRO (ppm)	4.5	1.5
GRO (ppm)	1.3	<1.0
BENZENE (ppm)	0.12	0.12

DEPTH (FT)	3-5	5.5-7.5
DRO (ppm)	8.0	<1.4
GRO (ppm)	1.6	<1.0
BENZENE (ppm)	0.22	0.025

DEPTH (FT)	3-5	15-17
DRO (ppm)	6000	5.7
GRO (ppm)	750	<1.0
BENZENE (ppm)	<0.5	0.029
TOLUENE (ppm)	2.4	62
XYLENES (ppm)	11.3	<50

DEPTH (FT)	10.5-12.5	13-15
DRO (ppm)	3.1	<1.4
GRO (ppm)	1.2	1.7

DEPTH (FT)	8-10	13-15
DRO (ppm)	77	<1.4
GRO (ppm)	87	3.5
BENZENE (ppm)	<0.025	0.047

DEPTH (FT)	8-10	13-15
DRO (ppm)	410	6.2
GRO (ppm)	14	7.4

DEPTH (FT)	13-15	20-22
DRO (ppm)	<1.4	<1.4
GRO (ppm)	<1.0	<1.0

DEPTH (FT)	3-5	18-20
DRO (ppm)	500	<1.4
GRO (ppm)	7.6	2.5

DEPTH (FT)	5.5-7.5	13-15
DRO (ppm)	240	<1.5
GRO (ppm)	1900	4.7
BENZENE (ppm)	11	0.91
ETHYLBENZENE (ppm)	44	<0.025
TOLUENE (ppm)	140	0.17
XYLENES (ppm)	267	<0.061

DEPTH (FT)	4-6	16.5-18.5
DRO (ppm)	<0.025	1.5
GRO (ppm)	<1.5	1.5
BENZENE (ppm)	2.8	0.15

DEPTH (FT)	23-25
DRO (ppm)	<1.4
GRO (ppm)	2.2

DEPTH (FT)	5.5-7.5	18-20	20.5-22.5
DRO (ppm)	31	<1.4	<1.4
GRO (ppm)	32	3.6	1.7
BENZENE (ppm)	0.49	<0.025	<0.025

DEPTH (FT)	0.5-2.5	10.5-12.5
DRO (ppm)	<1.4	<1.4
GRO (ppm)	2	1.1
BENZENE (ppm)	0.015	<0.025

DEPTH (FT)	3-5	15.5-17.5
DRO (ppm)	150	<1.5
GRO (ppm)	6.9	2.1
BENZENE (ppm)	<0.025	0.11

DEPTH (FT)	0.5-2.5	16-18
DRO (ppm)	230	1.4
GRO (ppm)	800	1.1
BENZENE (ppm)	<1.25	<0.025
ETHYLBENZENE (ppm)	<1.25	<0.025
TOLUENE (ppm)	<1.25	<0.025
XYLENES (ppm)	<2.5	<0.05

SOIL ANALYTICAL RESULTS

DRN. BY: MLE
CHK. BY: TRJ
DATE: SEPTEMBER 1995

AMES ASSOCIATES

REMEDIAL INVESTIATION
DORCHESTER COOPERATIVE
DORCHESTER, WISCONSIN

FIGURE
3

PEN TABLE = C:\PLOT724DJ\COLOR\COLOR.TBL
DATE OF PLOT = 09/19/95
DESIGN FILE IS k:\wqstes\90348ss.dgn
DGN LEVELS ON = 1-45,47-63

TABLE 1 Collected during exc'n 10/98
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/2/98	S-1	Variable	23									
	S-2	Variable	>1000	670(L)	18000	<1.2(V)	1.9	<1.2	2.6(J)	<1.2	9.6	5.2
	S-3	Variable	200									
	S-4	Variable	>1000									
	S-5	Variable	>1000									
	S-6	Variable	>1000									
	S-7	Variable	500									
	S-8	Variable	680									
	S-9	Variable	>1000									
	S-10	Variable	>1000									
	S-11	Variable	>1000									
	S-12	Variable	>1000									
	S-13	Variable	220									
	S-14	Variable	260									
	S-15	Variable	240									
	S-16	Variable	>1000	580(K,L)	940(K)	<0.25(V)	4.0	0.50	17.3	0.40(J)	20	6.6
	S-17	Variable	480									
	S-18	Variable	200									
	S-19	Variable	>1000									
	S-20	Variable	650									
	S-21	Variable	600									
	S-22	12	100	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-23	Variable	440									
	S-24	Variable	660									
	S-25	Variable	140									
	S-26	Variable	>1000									
	S-27	Variable	300									
	S-28	Variable	>1000									
	S-29	Variable	640									
	S-30	12	140	<1.3	1.6(J)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-31	Variable	680									
	S-32	Variable	340									
	S-33	Variable	240									
	S-34	Variable	>1000									
	S-35	Variable	540									
10/3/98	S-36	Variable	>1000									
	S-37	Variable	>1000									
	S-38	Variable	360									
	S-39	Variable	>1000									
	S-40	Variable	300									
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

ABBREVIATIONS AND ACRONYMS

GRO = Gasoline Range Organics
B = Benzene
E = Ethylbenzene
T = Toluene
X = Total Xylenes
DRO = Diesel Range Organics
MTBE = Methyl tert-butyl ether
TMB = Trimethylbenzene
FID = Flame ionization detector read in instrument units as methane gas

DESIGNATIONS

[ ] = Concentrations exceeding NR 720 Soil Cleanup Standards.
< = Not detected at or above this value, which is the laboratory detection limit
Variable = Samples representative of soils removed from the site

DATA QUALIFIERS

J = Reported concentration below the Quantitation Limit.
K = Sample contained lighter hydrocarbon fractions.
L = Sample contained heavier hydrocarbon fractions.
V = Raised Quantitation Limit due to dilution for background interference. Applies to all analytes for this method.

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TABLE 1 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/3/98	S-41	Variable	>1000									
	S-42	Variable	520									
	S-43	Variable	240									
	S-44	Variable	>1000									
	S-45	Variable	350									
	S-46	Variable	190									
	S-47	Variable	240									
	S-48	Variable	120									
	S-49	Variable	420									
	S-50	Variable	480									
	S-51	Variable	850									
	S-52	Variable	650									
	S-53	Variable	900	340(K,L)	2700	0.26	1.5	0.065	8.3	0.051(J)	12(D)	4.2
	S-54	12	200	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-55	Variable	>1000									
	S-56	Variable	270									
	S-57	Variable	300									
	S-58	Variable	350									
	S-59	Variable	150	<1.3	2.9(J)	0.087	0.080	<0.025	<0.050	<0.025	<0.025	<0.025
	S-60	Variable	360									
	S-61	Variable	440									
	S-62	Variable	400									
	S-63	Variable	250									
	S-64	Variable	380									
	S-65	Variable	300									
	S-66	Variable	140									
	S-67	Variable	440									
	S-68	6	20	<1.3	4.5(J)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-69	Variable	900									
	S-70	Variable	>1000									
	S-71	Variable	>1000									
	S-72	Variable	540									
	S-73	Variable	440									
	S-74	Variable	>1000									
	S-75	10	300	360(L)	2400(K)	<1.2(V)	<1.2	<1.2	2.0(J)	<1.2	7.8	2.1
	S-76	Variable	480									
	S-77	Variable	440									
	S-78	Variable	880									
	S-79	Variable	>1000									
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

ABBREVIATIONS AND ACRONYMS

GRO = Gasoline Range Organics
B = Benzene
E = Ethylbenzene
T = Toluene
X = Total Xylenes
DRO = Diesel Range Organics
MTBE = Methyl tert-butyl ether
TMB = Trimethylbenzene
FID = Flame ionization detector read in instrument units as methane gas

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= Concentrations exceeding NR 720 Soil Cleanup Standards.
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L = Sample contained heavier hydrocarbon fractions.
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J:\jch\981202a1.xls

TABLE 1 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/3/98	S-80	Variable	940									
	S-81	Variable	>1000									
	S-82	Variable	>1000	3700(K,L)	11000(K)	15	0.54	150	3.27	6.6	1.7	0.54
	S-83	Variable	200									
	S-84	Variable	>1000									
	S-85	Variable	600									
	S-86	Variable	550									
	S-87	Variable	460									
	S-88	Variable	>1000									
	S-89	Variable	540									
	S-90	Variable	300									
	S-91	Variable	500									
	S-92	Variable	150									
	S-93	Variable	>1000									
	S-94	Variable	480									
	S-95	Variable	>1000									
	S-96	Variable	400	190(K,L)	1100	<0.025	0.55	0.032	3.3	<0.025	7.0(D)	2.8
	S-97	Variable	300									
	S-98	Variable	100									
	S-99	Variable	240									
	S-100	Variable	180									
	S-101	Variable	>1000									
	S-102	Variable	600									
	S-103	Variable	150									
	S-104	Variable	>1000									
	S-105	Variable	>1000									
	S-106	Variable	>1000									
	S-107	5	5	<1.3(L)	8.3(K,L)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-108	Variable	800									
	S-109	12	140	<1.3	4.3(J,L)	0.031(J)	<0.025	0.070	0.067(J)	<0.025	<0.025	<0.025
10/5/98	S-110	Variable	>1000	1100(K,L)	390(K)	1.8(V)	15	21	93	<1.2	63	26
	S-111	Variable	>1000									
	S-112	Variable	>1000	380(K,L)	830(K)	0.72(V)	4.3	7.0	20.3	<0.50	14	6.1
	S-113	Variable	>1000									
	S-114	Variable	900									
	S-115	Variable	820									
	S-116	Variable	200									
	S-117	Variable	920									
	S-118	Variable	820									
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

ABBREVIATIONS AND ACRONYMS

GRO = Gasoline Range Organics
B = Benzene
E = Ethylbenzene
T = Toluene
X = Total Xylenes
DRO = Diesel Range Organics
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TMB = Trimethylbenzene
FID = Flame ionization detector read in instrument units as methane gas

DESIGNATIONS

[ ] = Concentrations exceeding NR 720 Soil Cleanup Standards.
< = Not detected at or above this value, which is the laboratory detection limit
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DATA QUALIFIERS

J = Reported concentration below the Quantitation Limit.
K = Sample contained lighter hydrocarbon fractions.
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J:\jch\981202a1.xls

TABLE 1 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/5/98	S-119	Variable	680									
	S-120	Variable	140									
	S-121	Variable	120									
	S-122	Variable	>1000									
	S-123	8	90	<1.3(L)	2.4(J)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-124	Variable	60									
	S-125	Variable	120									
	S-126	Variable	500									
	S-127	Variable	260									
	S-128	Variable	200									
	S-129	Variable	100									
	S-130	Variable	190									
	S-131	Variable	300									
	S-132	10	20	<1.3	2.5(J)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-133	Variable	440									
	S-134	Variable	360									
	S-135	8	50	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-136	Variable	100									
	S-137	Variable	80									
	S-138	Variable	120									
	S-139	Variable	800									
	S-140	Variable	120									
	S-141	Variable	80									
	S-142	Variable	160									
	S-143	7	10	<1.3	2.2(J)	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-144	Variable	540									
	S-145	Variable	380									
	S-146	Variable	>1000									
	S-147	Variable	150									
	S-148	Variable	>1000									
	S-149	Variable	>1000									
	S-150	Variable	>1000									
	S-151	Variable	>1000									
	S-152	Variable	>1000									
	S-153	Variable	>1000	800(L)	2200(K)	<1.2(V)	4.0	<1.2	14.9	<1.2	19	8.5
	S-154	Variable	>1000									
	S-155	Variable	>1000									
	S-156	Variable	>1000									
	S-157	Variable	>1000									
	S-158	Variable	>1000	1000(K,L)	720(K)	2.8(V)	10	26	55	<0.50	35	16
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

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J:\jch\981202a1.xls

TABLE 1 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/5/98	S-159	Variable	>1000									
	S-160	10	6	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-161	Variable	>1000									
	S-162	Variable	>1000									
	S-163	Variable	>1000									
	S-164	Variable	>1000	16(K,L)	56(K)	0.045	0.085	0.038	0.3	<0.025	0.33	0.15
	S-165	Variable	>1000									
	S-166	Variable	>1000									
	S-167	Variable	600									
	S-168	12	200	5.2(J,L)	<1.4	0.28	0.096	0.077	0.243	<0.025	0.091	0.063
	S-169	7	100	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-170	8	22	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-171	10	80	1.8(J)	<1.4	0.36	0.081	0.04	0.11	<0.025	<0.025	0.039
	S-172	Variable	200									
	S-173	Variable	100									
10/9/98	S-174	Variable	>1000									
	S-175	Variable	450									
	S-176	Variable	150									
	S-177	Variable	>1000									
	S-178	Variable	>1000									
	S-179	Variable	720	550(K,L)	410(K)	<0.25(V)	1.0	0.29	4.1	<0.25	24	12
	S-180	Variable	600									
	S-181	Variable	700									
	S-182	Variable	400									
	S-183	Variable	>1000									
	S-184	Variable	>1000									
	S-185	Variable	100									
	S-186	Variable	>1000									
	S-187	Variable	140									
	S-188	Variable	>1000									
	S-189	Variable	>1000	1600(K,L)	3400(K)	1.7(V)	15	43	115	0.78(J)	67	23
	S-190	Variable	>1000									
	S-191	Variable	>1000									
	S-192	Variable	100									
	S-193	Variable	780									
	S-194	Variable	600									
	S-195	Variable	400									
	S-196	Variable	280									
	S-197	Variable	>1000									
	S-198	Variable	800									
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

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SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/9/98	S-199	Variable	800									
	S-200	Variable	>1000									
	S-201	Variable	750									
	S-202	8	80	280(L)	700(K)	<0.25	0.76	<0.25	3.0	<0.25	6.8	2.1
	S-203	Variable	160									
	S-204	Variable	>1000									
	S-205	Variable	400									
	S-206	Variable	350									
	S-207	Variable	600									
	S-208	Variable	200									
	S-209	Variable	>1000									
	S-210	Variable	200									
	S-211	Variable	180									
	S-212	Variable	150									
	S-213	Variable	900									
	S-214	Variable	140									
	S-215	Variable	100									
	S-216	10	80	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-217	Variable	>1000									
	S-218	Variable	>1000									
	S-219	Variable	>1000									
	S-220	8	120	210(L)	970	<0.62(V)	<0.62	<0.62	0.76(J)	<0.62	1.6	1.1
	S-221	Variable	800									
	S-222	Variable	620									
	S-223	Variable	900									
	S-224	7	110	690(L)	3300	<1.2(V)	2.4	<1.2	6.3	<1.2	16	6.0
	S-225	Variable	>1000									
	S-226	Variable	>1000									
	S-227	Variable	>1000									
	S-228	6	50	420(L)	3300	<0.50(V)	1.4	<0.50	7.1	<0.50	13	4.0
	S-229	Variable	150									
	S-230	Variable	180									
	S-231	Variable	150									
	S-232	Variable	400	470(K,L)	330	<0.12(V)	2.9	0.54	10.1	0.25	18	5.5
	S-233	Variable	240									
	S-234	Variable	420									
	S-235	Variable	580									
	S-236	10	40	<1.3	<1.4	0.047	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

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TABLE 1 (Cont.)
SOIL ANALYTICAL RESULTS
DORCHESTER BULK PLANT, DORCHESTER, WISCONSIN

Date	Sample No.	Depth (feet)	FID Response	GRO (mg/kg)	DRO (mg/kg)	B (mg/kg)	E (mg/kg)	T (mg/kg)	X (mg/kg)	MTBE (mg/kg)	1,2,4-TMB (mg/kg)	1,3,5-TMB (mg/kg)
10/9/95	S-237	10	60	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-238	Variable	>1000									
	S-239	7	60	94(K,L)	890(K)	<0.025	0.27	<0.025	0.289	<0.025	1.2	0.50
	S-240	Variable	400									
	S-241	12	80	7.3(K,L)	3.1(J)	0.56	0.11	0.88	1.03	<0.025	0.45	0.16
	S-242	10	20	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-243	Variable	210									
	S-244	12	100	6.1(K,L)	14(K)	0.36	0.16	0.52	0.57	<0.025	0.29	0.11
	S-245	8	150	470(K,L)	1600(K)	<0.50	1.4	<0.50	6.7	<0.50	11	3.6
	S-246	10	20	<1.3	<1.4	<0.025	<0.025	<0.025	<0.050	<0.025	<0.025	<0.025
	S-247	6	15	3.3(J,K)	<1.4	0.07	0.16	<0.025	0.95	<0.025	0.55	0.17
	S-248	Variable	>1000									
	S-249	12	160	100(K,L)	3.8(J)	0.95(V)	1.1	1.6	6.6	<0.25	5.5	1.8
	S-250	12	140	27(K,L)	1.8(J)	0.93	0.71	2.5	3.08	0.074	1.2	0.51
	S-251	7	500	460(K,L)	640(K)	<1.2(V)	14	25	76	1.8(J)	36	13
	S-252	7	>1000	1100(K,L)	920(K)	3.6(V)	18	32	98	<2.5	63	28
	NR 720 SOIL STANDARDS			100	100	0.0055	2.9	1.5	4.1			

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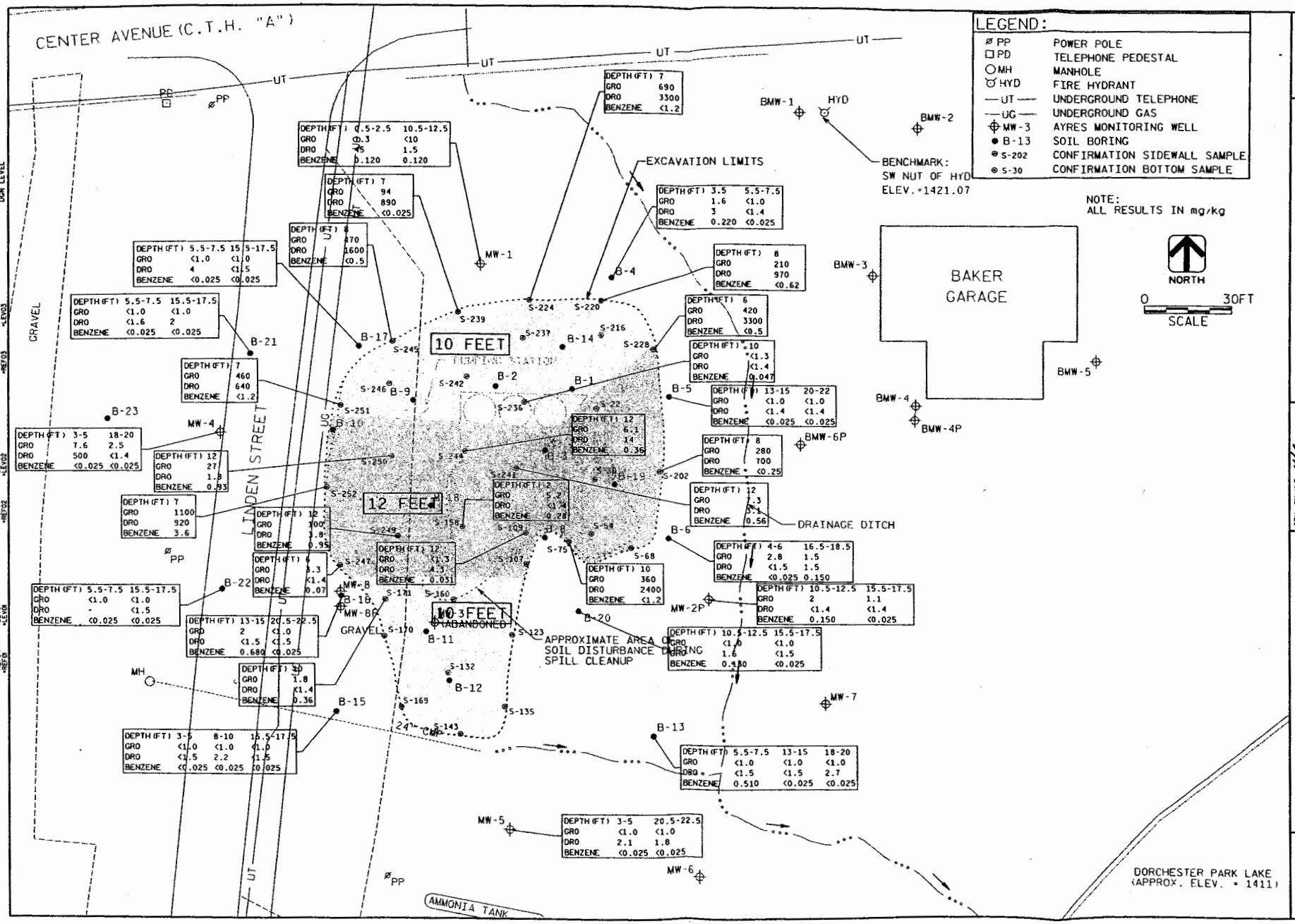


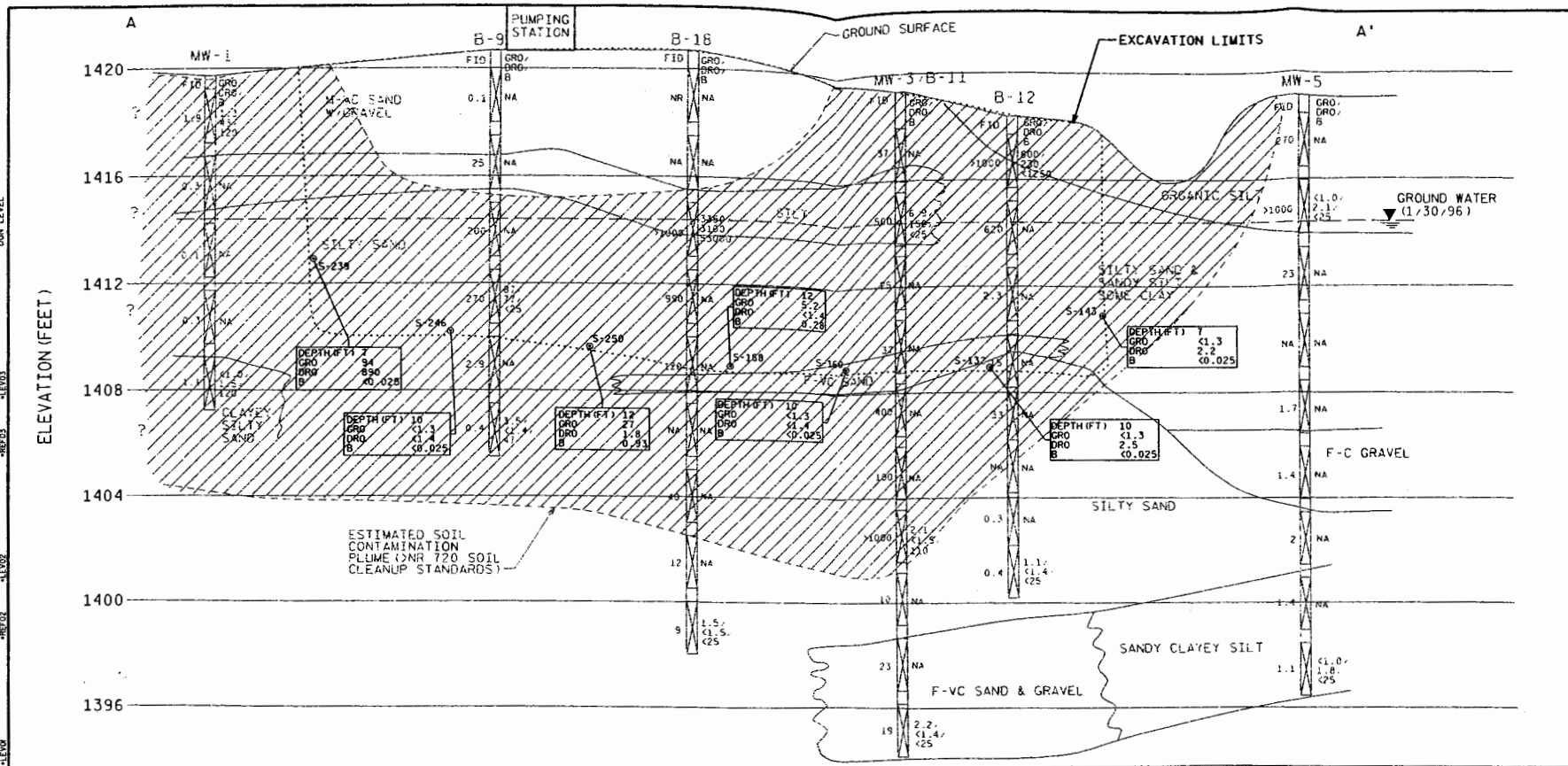
SOIL EXCAVATION LIMITS

DRN. BY: MLE
CHK. BY: JCH
DATE: MARCH 2000

AYRES ASSOCIATES

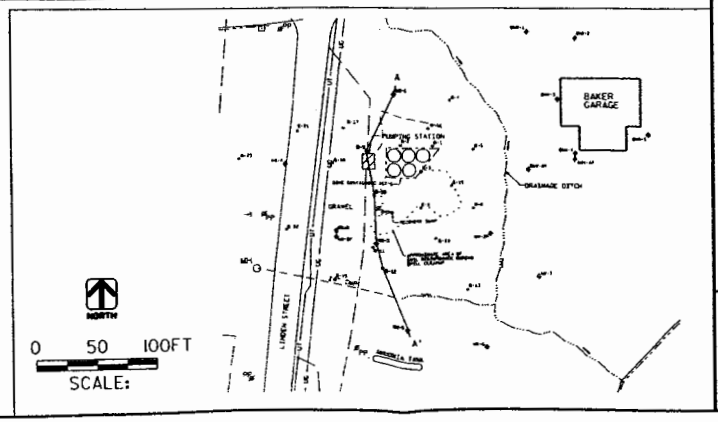
DORCHESTER COOPERATIVE
BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

FIGURE
1



LEGEND:	
FID	FLAME IONIZATION DETECTOR (I.U.)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
DRO	DIESEL RANGE ORGANICS (mg/kg)
B	BENZENE (ug/kg)
NR	NO RESPONSE
NA	NOT ANALYZED

SCALE:
1"=20' HORIZ.
1"=4' VERT.



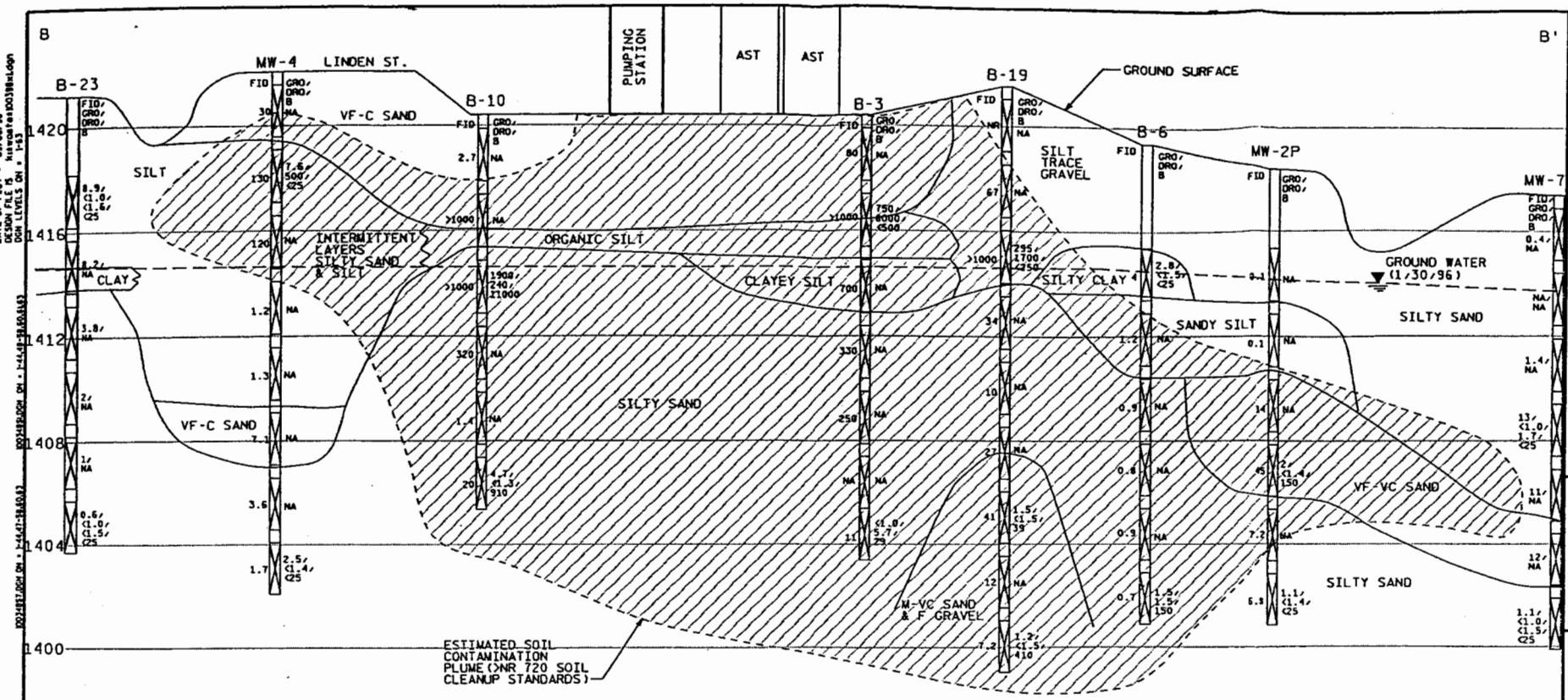
CROSS SECTION A-A'

DRN. BY: MLE
CHK. BY: JTC
DATE: JANUARY 2001

AVRES ASSOCIATES

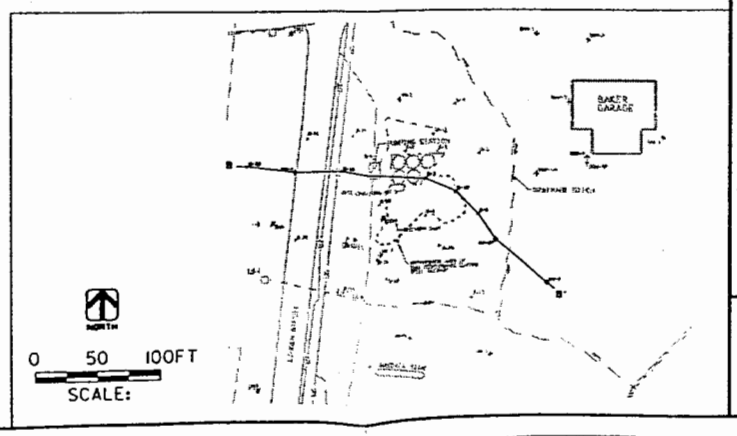
DORCHESTER COOPERATIVE
BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

FIGURE
2



LEGEND:	
FID	FLAME IONIZATION DETECTOR (i.u.)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
DRO	DIESEL RANGE ORGANICS (mg/kg)
B	BENZENE (ug/kg)
NR	NO RESPONSE
NA	NOT ANALYZED

SCALE:
1" = 20' HORIZ.
1" = 4' VERT.



CROSS SECTION B-B'

DRN. BY: MLC
CHK. BY: TMJ
DATE: MARCH 1996

AVTEC ASSOCIATES

REMEDIAL INVESTIGATION
DORCHESTER COOPERATIVE
BULK STORAGE FACILITY
DORCHESTER, WISCONSIN

FIGURE
6

Heartland
COOPERATIVE

P.O. Box 260
Dorchester, WI 54425
1-800-521-2021

Statement

The legal description attached to this statement describes the contaminated property at 102 S. Front Street, Dorchester, Wisconsin, and it is complete and accurate.

Dennis Schultz
Heartland Cooperative
102 S Front Street
Dorchester, WI 54425
(715) 654-5134

9-11-02
Date

Heartland
COOPERATIVE

P.O. Box 260
Dorchester, WI 54425
1-800-521-2021

September 4, 2002

James Jantsch, Village President
Village of Dorchester
P.O. Box 137
Dorchester, WI 54425

Re: Residual Contamination

Dear Mr. Jantsch:

Ground water contamination that appears to have originated on the property located at 102 S. Front Street may have migrated onto the right-of-way of Center Avenue (CTH A). The levels of benzene in the ground water on your property are above the state ground water enforcement standards found in chapter NR 140, Wisconsin Administrative Code. Other sources of contamination may be contributing to the elevated concentrations. However, the environmental consultants who investigated this contamination have informed me that this ground water contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726, Wisconsin Administrative Code, and I will be requesting that the Wisconsin Department of Natural Resources (WDNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Because the source of the ground water contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this ground water contamination, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call (800) 367-6076 for calls originating in Wisconsin, or (608) 264-6020 if you are calling from out of state or within the Madison area, to obtain a copy of the WDNR publication #RR-589, *Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.*

The WDNR will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information you may have that indicates closure should not be granted for this site. If you would like to submit information to the WDNR that is relevant to this closure request, you should mail that information to:

Ms. Eileen Kramer
Wisconsin Department of Natural Resources
1300 W. Clairemont Avenue
Eau Claire, WI 54701

Heartland
COOPERATIVE

P.O. Box 260
Dorchester, WI 54425
1-800-521-2021

If this case is closed, all properties within the site boundaries where ground water contamination exceeds chapter NR 140 ground water enforcement standards will be listed on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where ground water contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNR Internet website.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual ground water contamination. Any well driller who proposes to construct a well on your property in the future will first need to call Diggers Hotline (1-800-242-8511) if your property is located outside the service area of a municipally-owned water system, or contact the Drinking Water program within the WDNR if your property is located within the designated service area of a municipally-owned water system, to determine if there is a need for special well construction standards.

Once the WDNR makes a decision on my closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at 102 S. Front Street, Dorchester, WI 54425 (telephone no. [715] 654-5134), or you may contact Eileen Kramer at the address shown above (telephone no. [715] 839-3824).

Sincerely,

Heartland Cooperative

Dennis Schultz